

# **PATENT SPECIFICATION**

## **DESCRIPTIVE TITLE OF THE INVENTION**

Identification Bracelet For Children

## **CROSS REFERENCE TO RELATED APPLICATIONS (previously issued patents)**

The invention relates to a band or bracelet worn on the wrist. Various types of identification bands or bracelets are known to provide different kinds of information concerning the wearer e.g. US Patents No. 4.154.011, No.5.657.645, No. 4.272.900, No. 4.377.047, No. 4.914.843, No. 5.581.924, No. 4.984.683 and also GB No. 2.067.506, GB No. 2.160.492.

## **STATEMENT REGARDING FED SPONSORED R & D**

This product and patent application has not received any Federal sponsored R&D funding.

## BACKGROUND OF THE INVENTION

Most persons may recall the overwhelming despair they faced as a child when they somehow got lost in a huge crowd, likewise most parents have experienced the sudden horror when realizing that a child has disappeared even though the separation fortunately in most cases is temporary. The invention was created as a means to reunite parents with their child/children in a convenient and efficient manner. *The Identification Bracelet for Children* ensures that children carry precise and useful data and eliminates unnecessary confusion and delay before child and parents are reunited in case the child is lost. Moreover *The Identification Bracelet for Children* provides companies and organizations with an opportunity to care for guests and/or customers by offering an inexpensive, handy, easy to use identification bracelet that will be welcomed by both parents and children.

The invention relates to a band or bracelet worn on the wrist. Various types of identification bands or bracelets are known to provide different kinds of information concerning the wearer e.g. US Patents No. 4.154.011, No.5.657.645, No. 4.272.900, No. 4.377.047, No. 4.914.843, No. 5.581.924, No. 4.984.683 and also GB No. 2.067.506, GB No. 2.160.492.

## BRIEF SUMMARY OF THE INVENTION

An adjustable identification band or bracelet to be worn by children age 2-12 yrs. who enters public areas such as amusement parks, sports stadiums, airports, beaches, shopping malls etc., all places where children are at the risk of being involuntarily separated from parents or guardians. The bracelet, which allows name, address, parents phone and/or cell-phone numbers to be ball pen printed on the water repellent writing space on the back, will enable immediate identification of the child and thereby reunite child and parents in the easiest and quickest possible way.

The bracelet, which is made of Polyurethane (non-toxic), is manufactured in one piece with a locking construction that releases immediately under a certain amount of tension that could otherwise cause injury to the child. The bracelet, which is not disposable and can be used for longer periods of time, is designed with a wide area in the front where company-logos, drawings and figures can be printed/impressed, thus serving a dual-purpose by combining safety and commercial/promotional utilization.

## BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1. is a plan view of the front-side of the Identification Bracelet for Children showing the bracelet with the points and rounded spaces (a) between the points as well as the smooth-edged triangular opening (b).

FIG. 2. is a plan view of the Identification Bracelet for Children showing the backside of the bracelet where data may be written in the writing space, which is made of frayed water repellent Polyurethane so that the written data will be preserved if the bracelet is subjected to water.

FIG. 3 is a close up view of the locking mechanism. The end of the bracelet is inserted through the smooth-edged sides of the triangular opening and further on to one of the three rectangular openings/straps (in this drawing nr. 2 of the three rectangular openings) that holds the end of the bracelet in place and thereby preventing an untimely release whereby the bracelet could slide off the wrist of the child.

## DETAILED DESCRIPTION

The invention relates to a band or bracelet worn on the wrist. Various types of identification bands or bracelets are known to provide different kinds of information concerning the wearer e.g. US Patents No. 4.154.011, No.5.657.645, No. 4.272.900, No. 4.377.047, No. 4.914.843, No. 5.581.924, No. 4.984.683 and also GB No. 2.067.506, GB No. 2.160.492. These, however, differ from the present *Identification Bracelets/Bands for Children*, firstly as far as the locking construction is concerned (immediate-release under tension), secondly because the aforementioned bands or bracelets are not designed specifically for children nor are they concerned with commercial utilization allowing companies and organizations to use the identification bracelet for commercial/promotional purposes. *The Identification Bracelet for Children* is designed to combine both objectives.

In all the aforementioned patents, data are placed at the front-side of the identification band unlike *The Identification Bracelet for Children* where data concerning the child and the child's parents/guardians are obtained from the back-side of the bracelet, thus leaving the whole front-side open for commercial utilisation without destroying the aesthetic entirety of e.g. the logo, drawing or figure which is printed/impressed on the front-side of the bracelet.

The present invention focuses on an inexpensive and quickly produced identification wrist-bracelet for children. The bracelet, which is made of Polyurethane (no PVC material is used), is manufactured in one piece with a locking construction that immediately releases under a certain amount of tension that could otherwise cause injury to the child, however the material ensures that the identification bracelet does not break nor will the data be destroyed. This is prevented by the mechanism of the locking construction, which consists of two lines each with eight points and rounded spaces in between the points. When the points are inserted in the triangular opening, which is smooth-edged on the inside, and stretched further on to the three rectangular openings, that fastens the bracelet, the points will lock in the triangular opening thus functioning like barbs. The rounded spaces and the smooth-edged opening will however result in an easy release when the bracelet is subjected to a certain amount of tension, thus leaving the identification bracelet intact. The end of the bracelet is inserted through the smooth-edged sides of the triangular opening and further on to one of the three rectangular openings/straps each one able to hold the end of the bracelet in place and thereby preventing an untimely release whereby the bracelet could slide off the wrist of the child.

Every child aged 2-12 yrs. would be issued an identity wrist-bracelet for personal use when entering for example an amusement park, sports stadium, shopping center, or during vacation – in fact every imaginable public place where children are easily lost in the crowds. The issuing company or organization would sell/hand out the identification bracelet imprinted/impressed with e.g. company logo, drawings, cartoon figures in all shapes and colors right at the entrance or from the ticket center. The personal data – i.e. name of the child, address, cell-phone number of the parent or other desirable information – are easily ball-printed on the water repellent writing space on the backside of the identification bracelet which is then attached around the wrist of the child by the parent or guardian. In the event of an involuntary separation between the child and the parent/guardian the child can immediately be identified and parents can be easily and quickly notified and guided directly to the location where the lost child has been found.

Another object of the invention is to provide companies and organizations with a new, inexpensive marketing/promotional tool whereby company logos, slogans, messages, drawings or figures identified with the company or the organization are advertised amongst children and parents, where the former may very well regard the identification bracelet as a collectors item and the latter may view the bracelet as a useful and indispensable ready-at-hand gadget that also provides the company or organization with a friendly and caring image.